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PTO/SB/01 (05-03)

Approved for use through 04/30/2003 OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted With Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	45271.00010
First Named Inventor	Dung-Ching Perng
<b>COMPLETE IF KNOWN</b>	
Application Number	Unknown
Filing Date	
Art Unit	Unknown
Examiner Name	Unknown

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS OF PORE SEALING AND METAL ENCAPSULATION IN POROUS LOW K INTERCONNECT**

the specification of which (Title of the invention)

 is attached hereto

OR

 was filed on (MM/DD/YYYY) [redacted] as United States Application Number or PCT International

Application Number [redacted] and was amended on (MM/DD/YYYY) [redacted] (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

[Page 1 of 2]

This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

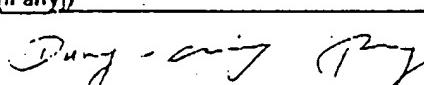
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Approved for use through 04/30/2003, OMB U651-0012

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label <span style="border: 1px solid black; padding: 2px;">30256</span> OR <input type="checkbox"/> Correspondence address below			
Name <hr/>			
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR: <input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any]) <i>Dung-Ching</i>		Family Name or Surname <i>Peng</i>	
Inventor's Signature 		Date <i>May 14, 2003</i>	
Residence: City Fremont	State CA	Country USA	Citizenship USA
Mailing Address 263 Rosado Road			
City Fremont		Zip 94539	Country USA
NAME OF SECOND INVENTOR: <input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 021 A attached hereto.			

EXPRESS MAIL LABEL NO.: EL 006 909 873 US

PTO/SB/81 (05-03)

Approved for use through 11/30/2005 GMB 0851-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT

	Application Number	Unknown
	Filing Date	
	First Named Inventor	Dung-Ching Perng
	Group Art Unit	Unknown
	Examiner Name	Unknown
	Attorney Docket Number	45271.00010

I hereby appoint:

 Practitioners at Customer Number 

OR

 Practitioner(s) named below:Place Customer  
Number Bar Code  
Label here

## Name/ Registration Number

Marc A. Sockol, Reg. No. 40,823; Vidy R. Bhakar, Reg. No. 42,323; Daryl C. Josephson, Reg. No. 37,365; Cameron K. Kerrigan, Reg. No. 44,826; David B. Abel, Reg. No. 32,394; Nathan Lane III, Reg. No. 43,738; Michael A. Lechter, Reg. No. 27,350; David E. Rogers, Reg. No. 38,287; William R. Bachand, Reg. No. 34,980; William C. Stefflin, Reg. No. 26,811; Lee J. Weinstein, Reg. No. 19,625; Aurora Wininger, Reg. No. 45,229; Paul A. Durdik, Reg. No. 37,819; Paul J. Meyer 47,791; Victor Repkin, Reg. No. 45,039; Alexander H. Ching, Reg. No. 41,669; Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; Dinnatia J. Duster, Reg. No. 45,268; Charles E. Runyan, Reg. No. 43,066; Stuart A. Whittington, Reg. No. 45,215; Sung I. Oh, Reg. No. 45,583; and Donnie L. Kidd, Reg. No. 50,285.

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

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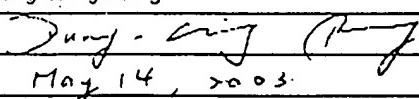
Fax

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## SIGNATURE of Applicant or Assignee of Record

Name  Dung-Ching PerngSignature 

Date May 14, 2003

## SIGNATURE of Applicant or Assignee of Record

Name Signature Date NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below. \*Total of 1 form is submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

RECORDATION

PA

Attn. Docket No.: 45271.00010

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

COVER SHEET

05-23-2003

Tab settings

To the Honorable Commissioner of Patents and Trade

1. Name of conveying party(ies):

Dung-Ching Perng

5/15/03

Additional name of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Execution Date: May 14, 2003

102455053

2. Name and address of receiving party(ies)

Name: JSR Micro, Inc.

Internal Address:

Street Address: 1280 North Mathilda Avenue

City: Sunnyvale State: CA Zip: 94089-1213

Additional Name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

10439415

If this document is being filed together with a new application, the execution date of the application is: May 14, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Aaron Wininger

Internal Address: Squire, Sanders & Dempsey L.L.P.

05/23/2003 TDI671 00000022 050150 10739415

01 FC:3021

40.00 CH

1043

Street Address: 600 Hansen Way

City: Palo Alto State: CA Zip: 94304-1043

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

05-0150

(Attach duplicate copy of this page if paying by deposit account)

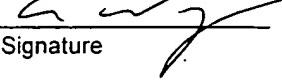
DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Aaron Wininger Reg. No. 45,229

Name of Person Signing



May 15, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 3

05/15/03  
JC971 U.S. PATENT AND TRADEMARK OFFICE

PATENT  
Attorney Docket No. 45271.00010

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Dung-Ching Perng (2) \_\_\_\_\_  
(3) \_\_\_\_\_ (4) \_\_\_\_\_  
(5) \_\_\_\_\_ (6) \_\_\_\_\_  
(7) \_\_\_\_\_ (8) \_\_\_\_\_

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

(9) Insert name of Assignee

(9) JSR Micro, Inc.

(10) Insert state of incorporation of Assignee

(10) Delaware

(11) Insert address of Assignee

(11) of 1280 North Mathilda Avenue, Sunnyvale, CA 94089-1213  
(hereinafter designated as the Assignee) the entire worldwide right, title, interest and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and related to:

(12) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(12) METHODS OF PORE SEALING AND METAL ENCAPSULATION IN POROUS LOW K INTERCONNECT  
(Case No. 45271.00010) for which the undersigned has (have) executed an application for patent in United States of America

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

PATENT  
Attorney Docket No. 45271.00010

## 6) The undersigned hereby grant(s)

Marc A. Suckul, Reg. No. 40,823; Daryl C. Josephson, Reg. No. 37,365; Cameron Kerrigan, Reg. No. 44,826; David B. Abel, Reg. No. 32,394; Nathan Lane, Reg. No. 43,738; Michael Lechter, Reg. No. 27,350; David Rogers, Reg. No. 38,287; William Bachand, Reg. No. 34,980; Aaron Winingter, Reg. No. 45,229; Paul A. Durdik, Reg. No. 37,819; Paul J. Meyer 47,791; Vidya R. Bhakar, Reg. No. 42,323; Alexander B. Ching, Reg. No. 41,669; Douglas H. Goldbush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; Dinnatin J. Doster, Reg. No. 45,268; Charles E. Runyan, Reg. No. 43,066; Stuart A. Whittington, Reg. No. 45,215; Sung I. Oh, Reg. No. 45,583; and Donnie L. Kidd, Reg. No. 50,285.

*the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.*

Date May 14, 2003

Dung - ching Perng  
DUNG-CHING PERNG